

## THE GREAT ROOSEVELT DAM.

THREE MILLION YEARS COMPLETE THE STRUCTURE.

Then the Town of Roosevelt, Ariz., will be 172 feet below the Reclamation Reservoir. The Government has been in the process of building the dam for the Salt River Reservoir. Its own cement for \$1.50 a barrel.

WASHINGTON, May 14.—The town of Roosevelt, Ariz., burning as it is with the activities of its 1,000 inhabitants, is doomed. Its lease on life is only three years long. In 1908, when the engineers of the Reclamation Service shall have completed the highest dam in the world, Roosevelt will be 172 feet below the surface of the water in the reclamation reservoir. Work has been in progress for about a year, but men are laboring now, night and day, in three shifts of eight hours each, in order that no more than three additional years may be consumed in the task. Then Roosevelt will be no more.

Shut in by mountains as the valley of Salt River is at this point, there is no place else where the men who are constructing the dam for the Salt River Reservoir project might build them a city except in the very valley that is destined to be submerged. The town, or camp, of Roosevelt, is situated partly on the flat along Salt River and partly on the hillside above the high water mark of the reservoir. In the lower part of the camp are located the temporary power plant, the commissary, the corral, the hospital and the dwelling tents of employees of the Reclamation Service of the United States Geological Survey and of contractors working for the Government. In that portion of the camp known as "Roosevelt-on-the-Hill," are the cement mill, an office building, dining hall and kitchen, numerous tent houses and several frame structures erected for the use of the engineering force and their families.

The contract for the Roosevelt dam has been recently given to J. M. O'Rourke & Co. of Galveston, Tex., and the most serious work of the project will soon be under way. During the past year, however, a vast deal of important preliminary work has been accomplished by the inhabitants of Roosevelt. A temporary power plant, a cement mill, an ice plant, a lighting plant and a saw mill have all been completed. The power canal, which will furnish water power for the generation of electricity to operate all the works, will be done in a few months. A telephone line connecting the head works of the power canal, about eighteen miles above Roosevelt, with the Arizona dam, which is about thirty miles from Phoenix, has been installed. In the face of great engineering difficulties a wagon road has been built between Phoenix and Roosevelt. A mountain trail has also been opened up, a new country altogether. It has been necessary to construct a new road to the dam site.

Much of the work has been done under most unfavorable circumstances. From February until the end of March there was almost continuous rain and snow. In the history of Arizona has snow been deeper than it was last winter, and the chances for high water during the entire summer are unusually augmented. During the greater part of March the road to Globe was impassable and the Salt River valley was a sea of mud. The way was out of commission. The Southern Pacific bridge across Gila at Maricopa was rebuilt half a dozen times during that month.

It might be said of the unwelcome rains, however, that they rather improved the power canal by covering the banks. The grading work for this canal was done by John Tuttle of San Francisco. Water will be diverted from the Colorado River into a canal about a quarter of a mile below the confluence of Pinal Creek and Salt River. The canal is 19 miles long and its construction has involved the use of about 1,000,000 cubic yards of material and the driving of nearly 6,000 feet of tunnel. Until power was obtained at the power canal, a temporary steam plant has been built for furnishing power to the machine and wood shop and for running the cement mill. The cement mill, which is 200 feet to the cement mill, and has furnished light and power for drilling operations in the tunnel.

The cement mill, which has been ready to run since the middle of February, is now in operation. It is a 100-horsepower mill from the California oil fields. Attached to the mill is a well equipped laboratory where the character of the cement is tested. The mill will devote all their time to standardizing the cement materials and testing the products of the mill. It is expected that about 200,000 barrels of cement will be required in the construction of the Roosevelt dam, the power canal and the various tunnels and structures.

The cement used in the preliminary work cost \$5.35 a barrel delivered at the point where it was used. Bids were later received for the cement at \$4.20 a barrel. It will cost the Government \$1.60 a barrel to make the cement on the ground. If the cost of the cement is added to the cost of the labor, the total cost of the Government cement will still be only \$2.20 a barrel. The labor cost is \$1.20 a barrel, or a saving of \$522,000 on the entire work. After the dam and canal have been completed, the cement plant will still be capable of furnishing a considerable salvage may doubtless be realized.

Two new gaging stations were established on Little Colorado River and on Verde River, the power to be used to supplement that obtained from the reservoir. It is desirable to store water in the reservoir.

Mr. Louis C. Hill is the supervising engineer in charge of the work on the Salt River project.

## SHOT POLICEMAN GANNON.

The Charge Brought Against Thomas Hanley—His Arrest.

MONTCLAIR, N. J., May 14.—Thomas Hanley, 36 years old, was arrested last night on the charge of shooting and seriously wounding Policeman Patrick J. Gannon last Sunday night. Thomas Oakes, an insurance agent, has positively identified Hanley as the man who did the shooting. The prisoner declares that he can prove an alibi. He is well known to the Montclair police. Gannon will have an opportunity to identify the man to-morrow.

On the evening of the shooting Gannon had noticed a man loitering in a lowly road near the homes of some of the wealthy residents of Montclair, and approaching the stranger he began to question him. As he would give no satisfactory explanation of his presence in the neighborhood Gannon told him that he would have to go to the station house. As Gannon was about to place his hands on the suspect the latter whipped out a revolver and fired point-blank. The bullet struck Gannon in the head just above the right ear and lodged in the skull. The wounded man is recovering at Montclair Hospital.

## TRACT SOCIETY MEETING.

Issued Last Year Nearly 5,000,000 Pieces of Published Matter.

The American Tract Society held its eighth annual meeting in the Broadway Tabernacle last night. The society announced the publication for the past year of 2,858,000 pieces of matter. There were 106 new publications, including books and tracts in Polish, Spanish, German, Italian, Bohemian and many other languages and dialects. Its receipts last year were \$725,000.

All the evening services addressed were given by Gen. O. O. Howard, the Rev. George L. Shearer and the Rev. James L. Barton, one of the secretaries of the society.

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## NEWSPAPER TRAIN DELAYED.

HIT ENGINE OF EMPTY PULLMAN TRAIN AT MELROSE.

Which Explains Why Boston Got the New York Sunday Papers Late—Firemen and Engineers of Both Trains Slightly Hurt—Two Hour Block of the Road.

The newspaper train on the New York, New Haven and Hartford which carries New York papers to Boston every Sunday morning hit a New York Central Pullman train a short distance south of Melrose station yesterday. Both engines and both firemen jumped and escaped with slight injuries. No one else was at all injured. The wreckage and damage to the track tied up traffic for two hours.

The Pullman train had just been made up at 160th street and Park avenue and was crossing tracks 4, 3 and 2 to back down to the Grand Central.

John J. Burns, the towerman, had next to him a signal against both north and southbound trains, but noticing the train crossing, he opened the tracks before he observed the accident. William Nagel, engineer of the newspaper train, came on at a speed of from forty to fifty miles an hour. The engine and converted it into junk. The tender of the newspaper train was thrown from the track and the engine was damaged.

There were twisted rails and upturns on all the tracks for 100 feet, and it was not until late in the afternoon that the tracks were made serviceable. By 3:24 A. M. however, Division Superintendent Bronson had cleared track 1 so that the newspaper train could go on. Its engine was patched up well enough to draw the train as far as Port Chester.

Engineer Nagel and Fireman James Clark of the paper train and Engineer George Shields and James Miller of the Pullman were out about the head and body and also slightly scalded by escaping steam. A physician attended them in the yard.

## KILLED IN STRIKE ROW.

Negro Shot in Chicago—Teamsters Inclined to Limit Hostilities.

CHICAGO, May 14.—One man was killed and another was probably fatally injured in a quarrel growing out of labor troubles to-day. The dead man is James Jennings, a negro, 26 years old. He was shot in the head.

John Cahill, who shot and killed Jennings, is under arrest. He told the police he killed the negro in self-defense, the negro having attacked them with clubs following a dispute about negro strike breakers.

Both the team owners and teamsters are hesitating about taking the first step to spread the strike and the plan suggested by the team owners to permit deliveries to the city is being rejected by the teamsters.

In a speech to-day following the funeral of George S. Pierce, who was shot and killed by a deputy sheriff last Wednesday, President Shea declared that there would be no general strike. At the same time he declared that the union of the teamsters' union are in favor of allowing deliveries to be made to all stores and confining the strike to the Employers' Teaming Company.

The executive committee of the Chicago Team Owners' Association will meet to-morrow and discuss the plan. The team owners are determined to see that the plan is carried out. They do not deny, however, that they are determined to make deliveries to the boycott stores, but they insist that they will have no part in the operation for a day or two in the hope that the atmosphere may clear in the meantime.

To-morrow night's meeting of the City Council Alderman Dever will introduce a resolution asking for the appointment of a committee to investigate the matter. He will also introduce a resolution to bring about a settlement. Alderman Dever will take the step at the solicitation of outside parties whose business is being affected by the strike.

## NEWSBOYS TO BURY "DUTCH."

Rate a Fund to Save Him From Potter's Field.

Fred Johnson, the newsboy who died in Bellevue Hospital on Friday from pneumonia, will not be buried in Potter's field. His claims in the Newsboys' Lodging House, in New Chambers street, got together yesterday and subscribed enough money to pay for a funeral.

Johnson was 17 years old and was called "Dutch." He had made his home at the lodging house for the last seven years. He came from Germany.

## ROURKE'S RAID CAPTIVES.

Held for Examination To-day on Request of Their Counsel.

The five men who were detained by the police after Acting Capt. Bourke's spectacular raid in West Third street on Saturday were arraigned in Jefferson Market court yesterday. They gave their names as Arthur Sheridan, Jerry Mullen, Andrew Spinnetti, James McCabe and George Alfred.

Counsel for the prisoners asked for an adjournment. Magistrate Cornell set the hearing for this afternoon at 2 o'clock and continued the prisoners' bail.

## Big Increase in Bank's Capital Stock.

MEXICO CITY, Mexico, May 14.—The Paris shareholders of the London Bank of Mexico will receive \$4,000,000 of the increased capital stock of the institution and the Mexico shareholders \$2,400,000 of the amount. The capital stock is increased from \$15,000,000 to \$21,400,000.

## LEE IN NEW YORK ASYLUM NOW.

Examiners Say He Is Mad Here as Well as in Jersey—He Demands a Jury Trial.

Supreme Court Justice McCall signed papers at his residence on Saturday committing William J. Lee, a one-time resident of Trenton, N. J., to the Manhattan State Insane Hospital on Ward's Island. Lee was taken to the island yesterday afternoon from Bellevue.

Lee is the man who has been for some time accounted sane in New York and insane in New Jersey, where he escaped from the State asylum at Trenton. In the summer of 1902, when the Trenton Trust and Safe Deposit Company refused to cash checks he had drawn to pay for the Phoenix Iron Works at Trenton, he threw a brick through the bank window, and afterward he wrote threatening letters to several persons on paper headed "William J. Lee, lawful owner of the Phoenix Iron Works."

In August, 1902, he was lodged in the State asylum. He escaped from the asylum several times and after his last escape came to this city. For three years he has been living in security here, amusing himself by writing more letters to his imaginary foes in Jersey, including Judge Garrett D. W. Vroom and Frank O. Briggs.

In March he sent out copies of a four page letter to five associates of the Trenton asylum, threatening, as they interpreted it, to kill one of them on or after April 6, if they didn't either have him formally discharged from the institution or resign from the board.

The New York authorities were appealed to, and Lee was arrested on March 28. Justice McCall appointed Dr. Valentine Wildman and Police Surgeon John J. Quigley to inquire into his sanity, and named James J. Neill as referee. Dr. Wildman and Quigley agreed with Dr. M. S. Gregory, head of the Bellevue psychopathic ward, that Lee is a dangerous man. Two other physicians testified that Lee is sane.

Lee declared in the Ward's Island asylum yesterday that the case physicians were from Justice McCall's decision and demand a jury trial. He is an expert estimator on iron work and has been working at his business here.

## DOG FOUGHT FOR MISTRESS.

Plaintiff's Cops Arrested Her, and Prince Kept Guard on Station House.

Plaintiff's Men Cody and O'Brien of the Tenderloin station saw a woman addressing passers-by from the doorway of 477 Seventh avenue last night, and they placed her under arrest. As soon as they did so the woman whistled and cried: "Come on, Prince."

Prince came. He was a wolfhound and when he found two strange men holding on to his mistress he made for them. While one cop held the woman the other beat off the dog with a billy.

The bound followed around to the police station snapping and barking at the two policemen. They shut the door of the station house and the dog was thrown open a moment later and the dog came bounding in. The woman gave the name of Della Forget. The animal was a small, black, pointed-eared dog, and he had lived in the station with nightsticks.

Every time the door was open he came in again looking for his mistress. The dog was kept guard outside the station at midnight.

## Miss Sutton to Try for Tennis Honors in England.

SAN FRANCISCO, May 14.—Miss May Sutton of Pasadena, America's woman lawn tennis champion, left Los Angeles for England yesterday to compete for the world's championship. On the Wimbledon courts, in London she will meet Miss K. Douglass reputed to be the greatest woman tennis player in the world.

As a preliminary to the championship tournament the American will play in the Northern tournament at Manchester on June 12, playing as the representative of the southern women's tennis association. She is expected to sail on May 20, but her plans for returning are indefinite. In all probability Miss Sutton will be asked to play with Holcombe Ward for the mixed doubles championship of the world. May Sutton is the youngest of four daughters of a retired British navy officer. She beat her sisters then won the Pacific Coast championship and year after year easily defeated Miss Moore for national honors.

## DODGE BEEF INQUIRITORS.

150 Refrigerator Cars Sidelined at Des Moines to Avoid Inspection.

DES MOINES, Ia., May 14.—The presence of 150 refrigerator cars bunched together upon Des Moines sidetracks and the fact that Federal officers are keeping tabs on them, is accepted here as evidence that the Beef Trust is making an effort to place its cars as far from Chicago as possible in order to avoid inspection by Federal detectives.

Federal authorities here say there is an effort on the part of the big shippers and those most favored by the railway and packing house combine to create a shortage in refrigerator cars as a means of embarrassing the investigating committee.

## Mayor Brady Stops Craft.

Mayor Thomas Brady of Bayonne, N. J., is about to abolish a little craft system by which some of the officials and clerks made tidy sums. It has been the habit for years for officials and clerks to make searches, for which they charged \$5. They used the city's time in making the searches. The Mayor proposes to inaugurate a system to have some official designated to make all searches, and turn the money into the city treasury.

## Promotion for Curate Taylor.

The Rev. Homer F. Taylor, who for eleven years has been assistant to the Rev. Dr. Henry Mottet, the rector of the Episcopal Church of the Holy Communion, at Sixth avenue and Twentieth street, has accepted a call to the rectory of St. Paul's Episcopal Church at Washington avenue and St. Paul's place, in the Bronx.

## Head of the St. Louis Diocese Invested With the Pallium.

St. LOUIS, May 15.—His Grace, the most Rev. John J. Glennon, Archbishop of St. Louis, was invested with the pallium this morning at the Cathedral with all the imposing ceremonies of the Catholic Church.

Cardinal Gibbons of Baltimore was celebrant and Archbishop Ireland of St. Paul delivered the sermon. In response to the Mass the archbishop and lay, Archbishop Glennon said that since his arrival in this city as coadjutor he could not distinguish differences in creed, so uniformly courteous and kind was his treatment by Protestants and Catholics alike.

At 8 o'clock this evening a reception was given to Archbishop Glennon and the visiting priests and prelates.

## The Rev. J. L. Caughey Accepts a Call to Harlem.

ROCHESTER, May 14.—The Rev. J. Lyon Caughey, pastor of Presbyterian Church of this city for five years, has accepted a call to the pastorate of Harlem Presbyterian Church of New York. He presented his resignation to his congregation to-day to take effect on June 12. Mr. Caughey is 36 years old and was graduated from Auburn Theological Seminary in 1896.

## DR. MACARTHUR'S 36TH YEAR.

CALVARY CELEBRATES ANNIVERSARY OF HIS PASTORATE.

Anna Bruce Speaks in Senator Dewey's Place at Evening Meeting—Talks of the Duty of Christian Men to Vote—Pastor Preaches at Morning Service.

Special services to celebrate the thirty-fifth anniversary of the beginning of the pastorate of the Rev. Dr. Robert Stuart MacArthur at the Calvary Baptist Church began yesterday and will continue during to-day and to-morrow. At the morning service Dr. MacArthur preached on the great changes in the religious life of the religious, educational and missionary world since the beginning of his pastorate.

After saying that he had never been absent from his pulpit on account of illness in the thirty-five years of his service, Dr. MacArthur went on to point out the large increase in the numbers of the United States had doubled the numbers of the Baptists had trebled and that the Church had grown more in the last decade than many others had in a century.

"Chicago University," he said, "will come to be the greatest center of learning, as sure as the sun shines. John D. Rockefeller has made his name immortal by his gifts. Such acts go up like incense to the throne of God."

A large part of the discourse was given up to a history of the church in the United States and to proving that all had been to the glory and advancement of the cause of Christianity.

"The best friends Russia has," continued the speaker, "are the Japanese, who are driving Russia into civilization. Every victory of the Japanese is a blessing to the world, and I hope that the blessings will be numerous."

The afternoon was given up to a meeting of the three Sunday schools of the church. Dr. MacArthur presided. The morning service was held at 10 o'clock yesterday morning and when he could not arouse either the physician or his brother he opened the door of his sleeping apartment.

## DR. HARDENBROOK OVERCOME.

Partly Asphyxiated, He Started for a Window, but Collapsed.

Dr. Isaac Hardenbrook, 52 years old and his brother Philip, 58 years old, were found overcome by gas yesterday morning in their home at 300 Fulton street, Jamaica.

The two brothers live together and there is another tenant in the house. The tenant smelled gas at 10 o'clock yesterday morning and when he could not arouse either the physician or his brother he opened the door of his sleeping apartment.

The physician lay on the floor near a window, face downward, and the brother lay in bed. The room was full of gas that came from a jet in the room. The tenant found the two unconscious men raised a cry and it happened that David Hardenbrook, a third brother, was passing the house at the time on his way to church.

He sent after physicians and despatched a messenger to the police station, asking that an ambulance be summoned from St. Mary's Hospital. The physicians worked over the two unconscious men for some time. Finally, they brought Dr. Hardenbrook around, but his brother had inhaled so much gas that he was taken to St. Mary's Hospital.

Oxygen was administered to him there and last night it was said he was out of danger. Dr. Hardenbrook was all right this morning. He was turned on accidentally. The Hardenbrooks are well known in Jamaica. Hardenbrook avenue was named after the family. Dr. Hardenbrook said he awoke with a stifled feeling, and he realized what the trouble was. He was making for the window to open it when he collapsed. He had presence of mind enough to fall face downward and in this way he didn't get as much of the gas as his brother.

Blames Married Women.

Ralph Connor Holds Them Responsible for the Decay of Virtue.

WINNIPEG, May 14.—The Rev. C. W. Gordon, who is the novelist "Ralph Connor," speaking last night at St. Stephen's Presbyterian Church, denounced local society in scathing terms. His attack follows closely on pulp exposures of social evils through the Dominion. He said:

"It seems a strange thing that the growth of wealth may have a great deal to do in weakening the relations of the sexes. You have a growth of those things which conduce to the fall of virtue, and you invite things that make for shame and lust. This is particularly true in Winnipeg society."

The blame must be laid on the married women of society. It is said that the young men are to blame who are found dangling after married women. No man would dare, by an act of seduction, seduce a married woman unless she gives the invitation.

It is the time when some will differentiate among those who constitute society and refuse to associate with those who pander to the lustfulness of vice, with the depraved of heart who sacrifice on the burning altars of their own lust the purity of young men and women."

"If I had stronger words, I should attach the deliberate name of the names of women in this city who rank in the 'first' sets of society. I will attach the blame to them. They are responsible, not our slums, saloons and houses of ill fame. It is the women who are responsible for the decay of virtue and the alarming growth of lust in our fair city."

## HURT ON O'D. ISLIN'S YACHT.

Docter Taken Aboard at New London to Treat Harvard Man's Injured Ankle.

NEW LONDON, Conn., May 14.—The sloop Abie, owned by O'D. Islin, arrived in port this afternoon from Boston, after having been in the fog in Fisher's Island Sound during the night. The yacht anchored in the upper harbor and a boat was sent ashore for Dr. Crofton, who was taken out to the craft. He found a young man, who the crew said was a Harvard student, suffering from a severe injury to his left ankle.

While the young man was aloft Saturday night he slipped and fell to the deck. It was feared his leg was broken, but the doctor said to-night that he could find no fracture. No names were given out by any one by the half dozen men aboard the sloop.

## Strike in Erie Cutlery Settled.

SCRANTON, Pa., May 14.—The strike at the Mountain and No. 1 mines of the Erie Company at Dunmore was settled this afternoon by the company agreeing to allow the men to select their own docking crew. Twelve hundred men and boys will return to work to-morrow morning. The company said it was feared would develop into a strike of 15,000 mine workers.

## ARCHBISHOP GLENNON HONORED.

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## Cooling—Refreshing—Wholesome.

EL-BART GIN.

It's clean.

Look for the flag

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Hand-wrought Willow Furniture of special designs.

BROADWAY & 19th STREET

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